



Patent Plagies



JP7136518A: EXHAUST GAS PURIFYING CATALYST

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IPC Class: B01J 023/89; B01D 053/86; B01D 053/94; B01J 023/84; B01J 023/889;

Abstract: **Purpose:** To obtain a palladium catalyst capable of accomplishing a high NO_x-purifying rate in the exhaust composition on the rich side of a theoretical air fuel ratio even after long use at a high temp.

Constitution: This catalyst contains at least palladium and a perovskite-structure multiple oxide. The multiple oxide is expressed by $AxA'_{1-x}ByB'_{1-y}O_3$, where A and A' are at least one kind selected from a group consisting of lanthanum, neodymium, cerium, strontium, barium, calcium and potassium, B is at least one kind selected from cobalt and manganese, B' is at least one kind selected from iron, nickel, copper, vanadium and chromium, $0 \leq x \leq 1$, and $0.5 \leq y \leq 1$.

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Foreign References: none

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